

Title (en)

Device for temporary storage and controllable release of a given amount of water

Title (de)

Vorrichtung zur Zwischenspeicherung und steuerbaren Freigabe einer vorgebbaren Wassermenge

Title (fr)

Dispositif pour le stockage temporaire et délivrance contrôlable d'une certaine quantité d'eau

Publication

EP 0791696 B1 20040929 (DE)

Application

EP 97102605 A 19970218

Priority

DE 19606441 A 19960221

Abstract (en)

[origin: EP0791696A1] The device is automatically refilled via an intake arrangement (10). It consists of a tubular container (12) which is integrated in a wall. The container is mostly enclosed by an insulation material (14), and has an outlet valve (16). The outlet valve is opened by a trigger (38) to release the set water volume. The trigger is located on the container or at a freely selected distance from it. The valve has a water brake for closing delay. It has a valve body raised by a valve plunger and preferably two buoyancy bodies in the container.

IPC 1-7

E03D 1/01

IPC 8 full level

E03D 1/01 (2006.01)

CPC (source: EP US)

E03D 1/01 (2013.01 - EP US); **Y10T 137/698** (2015.04 - EP US); **Y10T 137/7036** (2015.04 - EP US); **Y10T 137/7303** (2015.04 - EP US)

Citation (examination)

- EP 0480296 A1 19920415 - MERO WERKE KG [DE]
- EP 0663480 A1 19950719 - MISSEL GMBH & CO E [DE]

Cited by

DE19951456C1; EP0939171A1; EP1367187A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0791696 A1 19970827; EP 0791696 B1 20040929; AT E278072 T1 20041015; DE 19606441 A1 19970828; DE 19606441 B4 20050922; DE 29623545 U1 19981126; DE 59711964 D1 20041104; DK 0791696 T3 20041025; ES 2224190 T3 20050301; PT 791696 E 20050131; US 6062253 A 20000516

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